

Title (en)
COMPOSITE PRESSURE VESSEL WITH A MONOLAYER LINER

Title (de)
VERBUNDSTOFFDRUCKBEHÄLTER MIT EINER MONOSCHICHTAUSKLEIDUNG

Title (fr)
RÉSERVOIR COMPOSITE SOUS PRESSION AVEC REVÊTEMENT MONOCOUCHE

Publication
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Application
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Abstract (en)
The present invention relates to a composite pressure vessel comprising a monolayer liner and a reinforcing structure arranged on top of the liner, the liner being made by injection moulding, the liner comprising at least two shells weldable together. Each shell is made of a polymer composition comprising at least 45% by weight of an aromatic polyamide relative to the total weight of the polymer composition, and at least 10% by weight of an aliphatic polyamide relative to the total weight of the polymer composition.

IPC 8 full level
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